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0408 4-24-02
M.L.

Docket No. 3048-7049US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hennessey

Group Art Unit: Unassigned

Serial No.: 10/014,470

Examiner: Unassigned

Filed: December 14, 2001

For: A REAL-TIME "GARBAGE COLLECTOR"

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Prior to examination on the merits, please ~~amend~~ the above-identified application as follows:

IN THE CLAIMS

Please ~~CANCEL~~ claims 1-17.

Please ~~ADD~~ the NEW claims as follows:

18. 18. A computer program product to perform real-time computer garbage collection, for use with a plurality of data objects and with one or more mutator programs, each one of said mutators having a corresponding thread and each one of said mutator threads having a corresponding thread state separate from said plurality of data objects, comprising:

a computer readable medium;

program code in said computer readable medium to commence a new garbage collection cycle;

program code in said computer readable medium to temporarily restrict execution of said